

Amendments to the Claims:

No claims have been amended herein. Please note that all claims currently pending and under consideration in the referenced application are shown below. Please enter these claims as amended. This listing of claims will replace all prior versions and listings of claims in the application.

Cancel claims 1 and 5.

Listing of Claims:

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)

Add the following new claims:

6. (New) A method of making a transistor on a substrate having a dielectric layer thereon comprising:
forming a gate structure overlying the dielectric layer, the gate structure having a gate oxide layer formed on said dielectric layer, and a metal silicide layer formed on said gate oxide layer, said gate structure having a first sidewall and a second sidewall defining a first contact region, a channel region and a second contact region therewithin;

forming first, second and third subregions within the second contact region, each subregion having a dopant concentration that different from that of the other two subregions, wherein forming said subregions comprises:

forming a first single thin layer sidewall spacer of dielectric material overlying said second sidewall, said first single thin layer sidewall spacer formed by depositing a thin conformal layer of dielectric material over said substrate and etching to a predetermined thickness over said second sidewall for an annealing/oxidation step at an elevated temperature;

forming a second single layer sidewall spacer overlying said first single thin layer spacer, said second single layer sidewall spacer having a thickness greater than said first single thin layer sidewall spacer;

introducing a first dopant into the substrate to form said first subregion, said first subregion being generally aligned with said second single layer sidewall spacer;

reducing the thickness of the second single layer sidewall spacer to form a third sidewall spacer having a thickness intermediate said first and second sidewall spacers;

introducing a second dopant into the substrate to form said second subregion, said second subregion being generally aligned with the third sidewall spacer;

substantially removing the third sidewall spacer; and

introducing a third dopant into the substrate to form said third subregion, said third subregion being generally aligned with said second sidewall.

7. (New) The method of claim 6, wherein the first single thin layer sidewall spacer is anisotropically etched to a thickness of between about 50 and 150 Angstroms.

8. (New) The method of claim 6, wherein the second single layer sidewall spacer is etched to a thickness of about 2 to 20 times the thickness of said first single thin layer sidewall spacer.

9. (New) The method of claim 6, wherein the second single layer sidewall spacer is etched to a thickness of about 550 Angstroms.

10. (New) The method of claim 6, wherein said first single thin layer sidewall spacer is formed of one of silicon nitride and silicon dioxide.